



Norman H. Bangerter  
Governor

Suzanne Dandoy, M.D., M.P.H.  
Executive Director

Kenneth L. Alkema  
Director

DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH

288 North 1460 West  
P.O. Box 16690  
Salt Lake City, Utah 84116-0690  
(801) 538-6121

May 4, 1989

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MINERALS PROGRAM  
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MAY 15 1989

DIVISION OF  
OIL, GAS & MINING

Mr. R.J. Ramsey  
Barney's Canyon Mine  
P.O. Box 311  
Bingham Canyon, Utah 84006-0311

Re: B.P. Minerals  
Barney's Canyon Project  
Construction Permit Clarification

Dear Mr. Ramsey:

We have reviewed your 7 April 1989 letter and concur with B.P. Minerals' comments on Items 4.a, 7.b, 8, and 9.c.

With reference to Item 10, please be advised that the construction of the lined reagent storage area at the east end of storage area A must not begin until details have been reviewed and approved.

We understand that our concerns expressed in Item 20 about the sediment control impoundment spillway culverts will be addressed by the addition of a three (3) inch square bar screen on the inlet pipes. This approach is acceptable; however, details must be submitted for review and approval prior to construction of the bar screen.

We concur with B.P. Minerals' comments on the process pond hydraulic design criteria, which remains within the capacity of the process ponds but includes different sources of input or quantities.

- a. The operating condition process pond inventory sizing criteria are as follows:

Pond Inventory	300,000 gallons
Active Heap Runoff	2,327,100 gallons
Exposed Liner Runoff	1,439,800 gallons
Direct Pond Precipitation	283,600 gallons
24-hour Draindown	4,608,000 gallons
2-ft free Board	<u>1,826,800 gallons</u>
	10,785,300 gallons

This is less than the 10,800,000 gallon pond capacity.

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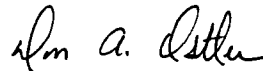
Pursuant to Condition No. 19 of the construction permit, it is B.P. Minerals' responsibility, in order to contain all process fluids, to insure the process pond inventory is 600,000 gallons or less prior to the onset of winter conditions.

These comments are for clarification only, and do not change our conclusions in any way. Therefore, a revision to the construction permit is not necessary.

We hope these statements adequately clarify the construction permit.

Sincerely,

Utah Water Pollution Control Committee



Don A. Ostler, P.E.  
Executive Secretary

CGD/ag

cc:Ms. Cindy Emmons, B.P. Minerals

Mr. L.J. Jacobsen, Barney's Canyon Gold Project

Mr. Kent Miner, Salt Lake City/County Health Department

Mr. Lowell Braxton, Division of Oil, Gas and Mining

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